

\_\_\_\_\_

Page 1

**Accept**

[REDACTED]

**Setup Start**

**Stop**

**00000000000000000000000000000000**

**Cust Item ID:**[illegible]

**Customer:**

**Reference:**

**Approvals:**      **Process Plan:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Tooling:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Run Start

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

**Stop**

~~Rev L~~

0.00

\_\_\_\_\_

DOCUMENT CONTROL

DC

## Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D206-642-311 ~~CHG005~~

110

## Pick Kit

0.00

[illegible]

## Memo

0.00

### Packaging

## Packaging

120

QC4- 100% Inspect kits for completeness

0.00

\_\_\_\_\_

## Memo

0.00

QC

## Quality Control

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
12/4/72	#100	Perm. change change headen Box to <del>the</del> Rev A and change to CHC7006					J 12/4/72

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 57154**

March 24, 2010 8:42:45 AM

Page 2

Item ID: D206-642-311

Accept

Revision ID:

Item Name: Skidtube LH

Start Date: 24/03/2010 Start Qty: 1.00

Required Date: 07/04/2010 Req'd Qty: 1.00

Reference:

Cust Item ID:

Customer:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D206-642-311 □ Location:

□ PPP Rev: F

10-4-20 SP

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/04/27 JF  
MF 10-4-2B

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 1

Work Order ID: 57154

Parent Item: D206-642-311

Parent Item Name: Skidtube LH

Comments: IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Date: 24/03/2010

Required Date: 07/04/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN3-41A	Purchased		No			120	Each	120.0000	8.0000			
Bolt												

Warehouse	Loc Qty	Loc Code
Main Warehouse		
ST354	120	
107242	4	
108302	4	
111163	6	
112431	106	

AN4-5A	Purchased	No	120	Each	149.0000	1.0000
Bolt						

Warehouse	Loc Qty	Loc Code
Main Warehouse		
ST356	149	
100089	6	
109061	9	
110844	7	
112933	27	
114108	100	

AN4-5A  
M110552 SF

P10

Dart Aerospace Ltd

W/O: 57154		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/4/22	#120	ANUCS MID0993 1x Replaced AN45A	SD	10-4-22			

Part No: D206 642-311 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 2

Work Order ID: 57154

Parent Item: D206-642-311

Parent Item Name: Skidtube LH


Comments: IPP Rev:J05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
 IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
 IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Date: 24/03/2010


Required Date: 07/04/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN4-6A		Purchased	No			120	Each	1,239.000	12.0000			
											10-4-22 SL	
Bolt												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST356	1239	
112720	39	
112829	300	
112933	300	
113149	600	

AN5-10A	Purchased	No				120	Each	230.0000	4.0000			
											10-4-22 SL	
Bolt												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST337	230	
107013	8	
110363	2	
112314	1	
113149	1	
113524	18	
114056	50	
114199	100	
114227	50	

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 2

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

March 24, 2010 8:42:50 AM

Page 3

Work Order ID: 57154

Parent Item: D206-642-311

Parent Item Name: Skidtube LH

Comments: IPP Rev:J05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Date: 24/03/2010

Required Date: 07/04/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
ANS-11A		Purchased	No			120	Each	93.0000	4.0000			
											10-4-22 S/P	
Bolt												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST337	93	
109061	1	
109545	1	
110363	6	
110985	1	
112314	84	

AN960JD10	Purchased	No				120	Each	0.0000	8.0000			
											M114292	10-4-22 S/P
Washer												
AN960JD416	Purchased	No				120	Each	8.0000	25.0000			
											M113700	10-4-22 S/P
Washer												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST357	8	
111279	8	

M11												
AN960JD516	Purchased	No				120	Each	0.0000	8.0000			
											M113706	10-4-22 S/P
Washer												

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 4

Work Order ID: 57154

Parent Item: D206-642-311

Parent Item Name: Skidtube LH

Comments: IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
IPP Rev:L 08-09-29 as per DS19421 DD verified by:

Start Date: 24/03/2010

Required Date: 07/04/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D206-642-441		Manufactured	No			120	Each	6.0000	1.0000			
Replacement Skidtube												

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
Main Warehouse		
FG081	6	
24739	1	
30265	1	
30266	1	
30940	1	
31066	1	
35469	1	

D206-648-011 D206-648-013 Manufactured No  
GHW Modification

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
Main Warehouse		
FG120	16	
39176	2	
40442	4	
41419	10	

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 4

# Dart Aerospace Ltd

W/O: 57154		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		Perm. change wrong shd take Replace with D206-648-341	MS	10.04.27			
		D206-648-011 is wrong. Remove Replace with D206-648-013 <u>SD 900</u>	SP	10-4-27			

Part No: D206-642-311 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 5

Work Order ID: 57154

Parent Item: D206-642-311

Parent Item Name: Skidtube LH

Comments: IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
 IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
 IPP Rev:L 08-09-29 as per DS19421 DD verified by:

Start Date: 24/03/2010

Required Date: 07/04/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D2652		Manufactured	No			120	Each	363.0000	16.0000			
Bushing											10-4-22 SL	

Warehouse	Loc Qty	Loc Code
Location		
OFFSHORE		
FG	44	
31985	44	
Main Warehouse		
ST021	319	
51531	55	
53741	30	
56067	234	

D2655	Manufactured	No				120	Each	30.0000	1.0000			
Ring												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST463	30	
44295	14	
45738	16	

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 5

W/O: 57154		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
10/4/22		D3413-1 BS1586 + Replaces D2655	SD	10-4-22			S 10/04/22	
		missing S A1960 C416 Qty x1 m <u>100993</u> correct w/o + Ben	HA	10.04.27			S 10/04/22	

Part No: D206-642-311 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 6

Work Order ID: 57154

Parent Item: D206-642-311

Parent Item Name: Skidtube LH



Comments: IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
 IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
 IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Date: 24/03/2010



Required Date: 07/04/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D2712		Manufactured	No			120	Each	439.0000	10.0000			
											10-4-22 SP	
Set Screw												

Warehouse	Loc Qty	Loc Code
Location		
OFFSHORE		
FG	50	
29962	50	
Main Warehouse		
ST022	389	
16400	20	
43810	11	
47603	2	
50415	356	

D2932-1		Manufactured	No			120	Each	15.0000	10.0000			
											10-4-22 SP	
Saddle LH Out, 206												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST421	15	
52590	12	
53327	3	

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

March 24, 2010 8:42:50 AM

Page 7

Work Order ID: 57154



Parent Item: D206-642-311



Parent Item Name: Skidtube LH

Start Date: 24/03/2010

Required Date: 07/04/2010

Comments: IPP Rev:J05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D2933-1		Manufactured	No			120	Each	14.0000	1.0000			
											10-4-22 sf	
Saddle LH In, 206												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST421	14	
52591	11	
53328	3	

D2934		Manufactured	No			120	Each	48.0000	2.0000			
											10-4-22 sf	
Saddle Spacer												

Warehouse	Loc Qty	Loc Code
Location		
OFFSHORE		
FG	6	
31929	6	
Main Warehouse		
ST031	42	
50376	42	

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 8

Work Order ID: 57154



Parent Item: D206-642-311



Parent Item Name: Skidtube LH

Start Date: 24/03/2010

Required Date: 07/04/2010

Comments: IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
IPP Rev:L 08-09-29 as per DS19421 DD verified by:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D2935		Manufactured	No			120	Each	63.0000	2.0000			
											10-4-20	
Saddle Spacer												

Warehouse Loc Qty Loc Code

Location

OFFSHORE

FG

6

31793

6

Main Warehouse

ST031

57

50211

57

D2938-1

Manufactured No

120

Each

12.0000

1.0000

Saddle LH Out, 206

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST421

12

48536

3

53331

3

56577

6

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 9

Work Order ID: 57154

Parent Item: D206-642-311

Parent Item Name: Skidtube LH

Comments: IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Date: 24/03/2010

Required Date: 07/04/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D2939-1		Manufactured	No			120	Each	5.0000	1.0000			

Saddle LH In, 206

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST421

5

48193

2

53333

3

Manufactured No

120

Each

59.0000

1.0000

BS7556 10-4-22 SP

D3407-043

Tow Ring

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST464

59

48249

7

50176

20

50387

20

53351

12

10-4-22 SP

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 9

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 10

Work Order ID: 57154



Parent Item: D206-642-311



Parent Item Name: Skidtube LH

Start Date: 24/03/2010

Required Date: 07/04/2010

Comments: IPP Rev:J05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3456-1		Manufactured	No			120	Each	167.0000	1.0000			
											10-4-22	SP
Washer												

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST058	167	
<del>51653</del>	4	
54692	163	

D3457-1		Manufactured	No			120	Each	107.0000	2.0000			
											10-4-22	SP
Washer												

Warehouse	Loc Qty	Loc Code
Location		
OFFSHORE		
FG	10	
32409	10	
Main Warehouse		
ST059	97	
45913	45	
52981	52	

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

March 24, 2010 8:42:50 AM

Page 11

Work Order ID: 57154



Parent Item: D206-642-311



Parent Item Name: Skidtube LH

Start Date: 24/03/2010

Required Date: 07/04/2010

Comments: IPP Rev:J05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
 IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
 IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS21042L3	Purchased		No			120	Each	2,086.000	8.0000			
Nut												

10-4-22 SP

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
Main Warehouse		
ST300	2086	
110844	35	
111274	27	
111668	58	
112314	285	
113523	20	
<u>113537</u>	661	
113644	1000	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 12

Work Order ID: 57154

Parent Item: D206-642-311

Parent Item Name: Skidtube LH

Comments: IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
 IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
 IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Date: 24/03/2010

Required Date: 07/04/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS21042L4		Purchased	No			120	Each	2,277.000	12.0000			
Nut												

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST139

119

111827

119

Main Warehouse

ST300

2158

102552

6

104248

6

110507

184

113422

954

114108

1000

9063

8

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

March 24, 2010 8:42:50 AM

Page 13

Work Order ID: 57154

Parent Item: D206-642-311

Parent Item Name: Skidtube LH

Comments: IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC  
 IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec  
 IPP Rev:L 08-09-29 as per DSI9421 DD verified by:

Start Date: 24/03/2010

Required Date: 07/04/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS21043-4		Purchased	No			120	Each	725.0000	1.0000			
Nut												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	40	
104603	40	
Main Warehouse		
ST301	685	
112314	100	
112492	11	
113064	174	
114181	400	

March 24, 2010 8:42:50 AM

Shop Packet Print

Page 13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# REFERENCE ONLY

DART AEROSPACE USA, INC.

D206-642  
Page 23 of 34

## 4.5 206 L/L-1/L-3/L-4/407 LOW & HIGH GEAR SKIDTUBES

Item	Qty -311	Qty -312	Qty -341	Qty -347	Qty -013	Part Number	Description
	X					D206-642-311	SKIDTUBE INSTALLATION, LH
		X				D206-642-312	SKIDTUBE INSTALLATION, RH
	1	1	X			D206-642-341	SKIDTUBE
				X		D206-642-347	WEARSHOE KIT (REPLACES -343)
	1	1			X	D206-648-013	GROUND HANDLING KIT
1			1			D2650-5	SKIDTUBE ASSEMBLY
2A			14			D2651-1	* PLUG <sup>(1)</sup>
2B			14			D2651-3	* O-RING <sup>(1)</sup>
3			1			D2646	* AFT CAP <sup>(1)</sup>
4			2			MS27039-1-08	* SCREW <sup>(1)</sup>
5			2			AN960JD10L	* WASHER <sup>(1)</sup>
6	1					D2932-1	SADDLE, FWD OUT, LH
6		1				D2932-2	SADDLE, FWD OUT, RH
7	1					D2933-1	SADDLE, FWD IN, LH
7		1				D2933-2	SADDLE, FWD IN, RH
8	1					D2938-1	SADDLE, AFT OUT, LH
8		1				D2938-2	SADDLE, AFT OUT, RH
9	1					D2939-1	SADDLE, AFT IN, LH
9		1				D2939-2	SADDLE, AFT IN, RH
10	8	8				AN3-41A	BOLT
11	16	16				D2652	BUSHING
12A	8	8				MS21042-3	NUT (OR MS21042L3)
12B	8	8				AN960JD10	WASHER
13	4	4				AN5-10A (OR AN5-11A)	* BOLT <sup>(2)</sup>
14	4	4				AN5-11A (OR AN5-12A)	* BOLT <sup>(2)</sup>
15	8	8				AN960JD516	WASHER
16	12	12				AN4-6A	BOLT
17	24	24				AN960JD416	WASHER
18	12	12				MS21042-4	NUT (OR MS21042L4)
20A			6	6		D3537-1	WEARPAD (REPLACES D2648-3)
21A			1	1		D3537-3	WEARPAD (REPLACES D3429-1)
22A			1	1		D3535-11	WEARSHOE (REPLACES D2656-11)
22B			1	1		D3536-11	GASKET
23A			1	1		D3535-23	WEARSHOE (REPLACES D2656-23)
23B			1	1		D3536-23	GASKET
24A			1	1		D3535-35	WEARSHOE (REPLACES D2656-35)
24B			1	1		D3536-35	GASKET
26A			54	54		MS27039C1-08	SCREW
26B			54	54		AN960C10L	WASHER
26C			54			ALS7-1032-130	* INSERT <sup>(1)</sup> (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30		1				D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
31	1	1				D3456-1	WASHER
32	1	1				D3457-1	WASHER
33	1	1				MS21043-4	NUT
34		1				AN4C5A	BOLT
35	1	1				AN960C416	WASHER
36		1				D3413-1	RING (REPLACES D2655)
37	10	10				D2712	SET SCREW
38	2	2				D2934	SADDLE SPACER
39	2	2				D2935	SADDLE SPACER
40					2	D3414-041	GHW LUG (REPLACES D2659)
41					4	AN3C37A	BOLT
42					8	D2652	BUSHING
43					4	MS21043-3	NUT
44					4	AN960C10	WASHER

NOTES: <sup>(1)</sup> DENOTES THAT PART IS INCLUDED WITH D2650-5 ASSEMBLY ABOVE  
<sup>(2)</sup> CHOICE OF BOLT WILL DEPEND ON CROSSTUBE (SEE INSTALLATION PROCEDURE)

• COPYRIGHT © 2000 BY DART AEROSPACE USA, INC. •  
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: N  
 Date: 09.09.09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries